

A G E N D A



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	11242	Agenda Number	34.
Meeting Date:	December 15, 2011			
Department:	Purchasing			
Subject				
Authorize award, and execution of Amendment 3 to a contract with SAFE ENGINEERING SERVICES & TECHNOLOGIES LTD, Quebec, Canada, for maintenance and software support for Austin Energy's Current Distribution, Electromagnetic interference, Grounding and Soil structure analysis (CDEGS) software package to exercise the third 12-month extension option in an estimated amount not to exceed \$15,689, and to add six additional 12-month extension options in an estimated amount not to exceed \$16,356 per extension option, for a revised total contract amount not to exceed \$162,634.				
Amount and Source of Funding				
Funding in the amount of \$15,690 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy. Funding for the extension options is contingent upon available funding in future budgets.				
Fiscal Note				
There is no unanticipated fiscal impact. A fiscal note is not required.				
Purchasing Language:	Sole Source.			
Prior Council Action:	Recommended by Electric Utility Commission.			
For More Information:	Art Acuña, Senior Buyer / 512-322-6307			
Boards and Commission Action:				
MBE / WBE:	This contract will be awarded in compliance with Chapter 2-9C of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.			

Related Items:**Additional Backup Information**

This contract is for the continued purchase of software support and maintenance for Safe Engineering Services & Technologies' Current Distribution, Electromagnetic interference, Grounding and Soil structure analysis (CDEGS) software system for Austin Energy. The CDEGS software package is used by AE's Electric Service Delivery (ESD) division for grounding system analysis and designs of transmission and distribution substations, transmission and distribution structures, and electromagnetic interference analysis and mitigation, as well as unique projects such as analysis of personal protective grounds (PPGs) used on overhead transmission and distribution lines. CDEGS is the only software with the ability to model the electromagnetic interactions between aboveground and buried conductors, and has the capability to analyze complex soil models encountered in practice, such as layered soils with three or more layers or composite soils made up of native and man-made materials. CDEGS is also unique in its ability to properly represent voltage and current distributions in extensive grounded conductor systems such as those found in large substations or interactions between a power system and nearby pipelines or other utilities.

Without CDEGS, the utility would be extremely limited in the optimization of grounding systems and the number of unique projects currently performed, which would negatively impact the reliability of AE's transmission system and the safety of employees.

This contract was awarded as a sole source purchase in December 2008. Amendment No. 1 was issued in December 2009 for \$15,689 for the first extension period. Amendment No. 2 was issued in December 2010 for \$15,689 for the second extension period. This Recommendation for Council Action is for approval of Amendment No. 3 to authorize award of the next 12-month extension option in an estimated amount not to exceed \$15,689 and to add an additional six 12-month extension options in an estimated amount not to exceed \$16,356 each. Safe Engineering Services & Technologies Ltd is the sole provider of support and maintenance for this proprietary software and they have no authorized providers for this service.

CONTRACT SUMMARY:

Original contract awarded 12/1/2008	Original 12-month contract for maintenance and support	\$17,432.33
Amendment No. 1	Exercised first 12-month extension option	\$15,689.10
Amendment No. 2	Exercised second 12-month extension option	\$15,689.10
Proposed Action Amendment No. 3	Approve award of the third 12-month extension option and	\$15,689.10
Proposed future amendments	Authorization to add six additional 12-month extension options (\$16,356 per option)	\$98,136
Total Revised Contract Amount		\$162,634.01